



► ProTec Series 3960

Heavy Duty Overlaminates

ProTec Series 3960 overlaminates is a 305 microns film with a clear, permanent pressure-sensitive adhesive. The heavy gauge product is designed to protect decals and graphics while maintaining high clarity. ProTec Series 3960 is rated for an outdoor durability up to 2 years.

APPLICATIONS & FEATURES

- Protective overlaminates for racing, dirt bikes, and other recreational vehicles
- Ideal for applications needing exceptional durability and abrasion resistance
- Use in conjunction with Arlon's DPF 8000™ Ultra Tack or DPF 8200 High Tack film
- Designed to be laminated cold without any heat
- Excellent clarity and gloss retention
- Minimize silvering and enhance image quality with fast wet-out adhesive system

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE
SURFACE FINISH	Gloss Meter 60° Reflection	70 to 90 Gloss Units
THICKNESS	Micrometer, Federal Bench Type	305 microns
TENSILE STRENGTH	Tensile Tester with 51 mm jaw separation; crosshead speed of 5.1 mm/s, web direction	≥ 8.16 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 270%
SHELF LIFE (IN BOX)	Ideal Storage Temperature 21°C and 50% relative humidity	1 year from factory shipment
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	10°C to 26°C
SERVICE TEMPERATURE RANGE	Film applied to etched aluminum panels 24 hours prior to testing	-40°C to 80°C
DIMENSIONAL STABILITY	70°C, 48 hours, on aluminum panel	0.51 mm
PEEL ADHESION	PSTC-1, 15 min. 21°C	≥ 0.40 kg/cm
LINER RELEASE	TLMI Release at 90°, 760 cm/min	11.8 g/cm
HUMIDITY RESISTANCE	Film applied to etched aluminum panels 24 hours prior to testing. 100% relative humidity, 38°C for 500 hours.	No Appreciable Effect
GASOLINE RESISTANCE	Film applied to etched aluminum panels 24 hours prior to testing. Immersed 30 minutes at 21°C, stabilized for 24 hours before inspection.	No Appreciable Effect

Standard Terms & Conditions Apply

TERMS & CONDITIONS

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